Liu, Chien-Ying's

Principle Investigator of Research Grants

1. Sep 01, 1997 ~ Aug 31, 1998

   The expression of nitric oxide synthase in primary lung cancer and its relation to the prognosis

   Granted by Chang-Gung Memorial Hospital

   CMRP 739

2. Aug 01, 2001 ~ Sep 30, 2002

   The role of caspase-dependent and –independent mechanisms in TNF-induced neutrophil apoptosis

   Granted by National Science Council

   NMRPG0071, NSC 90-2314-B-182A-074

3. May 01, 2002 ~ April 30, 2003

   The molecular mechanisms of A1, a Bcl-2 homologue, in apoptotic process, cell cycle control and inflammatory responses- explored by a gene-targeting approach

   Granted by Chang-Gung Memorial Hospital

   CMRP 1323

4. August 01, 2002 ~ July 31, 2003 (1/2)

   The effect of Bcl-2 related protein A1 in preventing ischemia-reperfusion lung injury-approached by in vivo gene transfer

   Granted by National Science Council

   NMRP G1097, NSC 91-2314-B-182A-060 (1/2)

5. June 01, 2003 ~ May 31, 2004

   Immunobiological responses of monocytes and T-lymphocytes in patients with SARS

   Granted by Chang-Gung Memorial Hospital

   CMRPG32016S

6. August 01, 2003 ~ July 31, 2004 (2/2)

   The effect of Bcl-2 related protein A1 in preventing ischemia-reperfusion lung injury-approached by in vivo gene transfer

   Granted by National Science Council

   NMRPG2090, NSC 92-2314-B-182A-109 (2/2)

7. January 01, 2004 ~ December 31, 2004 (Co-PI)

   The damaging effect of apoptotic neutrophils on human lung epithelial cells

   Granted by Chang-Gung Memorial Hospital

CMRPG32113 (PI: Dr. Yu-Hen Liu, Department of Thoracic Surgery, Chang-Gung Memorial Hospital)

8. August 01, 2004 ~ July 31, 2005

The apoptotic mechanisms in the TNF α-stimulated human neutrophils and HL60-derived neutrophil-like cells

Granted by National Science Council

NMRPG3138, NSC93-2314-B-182A-137

9. August 01, 2004 ~ October 31, 2005 (Co-PI)

The modulation of G-protein complex stimulator on the proliferation of the human airway smooth muscle

Granted by National Science Council

NMRPG, NSC 93-2314-B-182A-067- (PI: Dr. Chien-Da Huang, Department of Thoracic Medicine, Chang-Gung Memorial Hospital)

10. August 01, 2004 ~ July 31, 2005 (Co-PI)

The study on interstitial pneumonitis: the epidemics, clinical, virological and immunological study

Granted by National Science Council

NMRPG340311, NSC 94-2314-B-182A-190- (PI: Dr. Han-Pin Kuo)

11. August 01, 2004 ~ July 31, 2005 (Co-PI)

The mechanism of phagocytic recognition/clearance in apoptotic and senescent non-apoptotic human neutrophils and promyelocytic HL60 cells

Granted by National Science Council

NSC93-2314-B-038-020- (PI: Ling-Ling Chiang, Taipei Medical University, Department of Respiratory Therapy)

12. August 01, 2005 ~ July 31, 2006 (1/2)

The mechanisms of neutrophil-derived α-defensin-1 in inducing lung epithelial cell apoptosis and MCP-1 secretion as well as the interactions in-between

Granted by National Science Council

NMRPG340311, NSC94-2314-B-182A-190

13. February 01, 2006 ~ January 31, 2007

DNA polymorphisms and changes of epidermal growth factor receptor mutations relate to variations in EGFR-related signaling and response to EGFR inhibitors in patients with advanced non-small cell lung cancer

Granted by Chang-Gung Memorial Hospital

CMRPG350121

14. August 01, 2006 ~ July 31, 2007 (2/2)

The mechanisms of neutrophil-derived α-defensin-1 in inducing lung epithelial cell apoptosis and MCP-1 secretion as well as the interactions in-between

Granted by National Science Council

NMRPG340312, NSC 95-2314-B-182A-018

15. August 01, 2008 ~ July 31, 2009 (1/2)

The growth of $CD11b^+/CD14^-/CD33^+$ myeloid-derived suppressor cells and their modulatory activity on the $CD8^+$ cytotoxic lymphocytes and monocytes in human lung cancer

Granted by National Science Council

NMRPG 376371, NSC 97-2314-B-182A-091-MY2

16. August 01, 2009 ~ July 31, 2010 (2/2)

The growth of $CD11b^+/CD14^-/CD33^+$ myeloid-derived suppressor cells and their modulatory activity on the $CD8^+$ cytotoxic lymphocytes and monocytes in human lung cancer

Granted by National Science Council

NMRPG376372, NSC 97-2314-B-182A-091-MY2

17. December 01, 2008 ~ November 30, 2009 (Co-PI)

Identification and growth of cancer stem cells in early stage non-small cell lung cancer and the clinical significance

PI: Dr. Ming-Ju Hsieh, Department of Thoracic Surgery, Chang-Gung Memorial Hospital

Granted by Chang-Gung Memorial Hospital

CMRPG371571

18. December 01, 2008 ~ November 30, 2009

Mechanisms of neutrophil apoptosis and neutrophil-derived α-defensin-1-induced lung epithelial cell apoptosis: role of mitochondria and endoplasmic reticulum

Granted by Chang-Gung Memorial Hospital

CMRPG 371651

19. August 01, 2009 ~ July 31, 2010 (Co-PI)

慢性阻塞性肺疾病病人自我管理衛生教育需求評估與介入措施成效之探討

(PI: 長庚大學陳綱華老師)

Granted by National Science Council

NMRP NSC98-2511-S-182-005

20. September 01, 2009 ~ August 31, 2010 (1/2) (Co-PI)

The effect of *Astragalus*-based formula,清暑益氣湯on modulating immune alterations in advanced stage, non-small cell lung cancer patients receiving 1st line doublet chemotherapy of cisplatin plus docetaxel and 2nd line erlotinib target therapy: the effect on myeloid-derived suppressor cells, CD4 (Th1 and Th2) cells, CD8 Tc cells, Treg cells, NK cells and monocytes

PI: Dr. Tse-Hong Huang, Department of Chinese Medicine, Chang-Gung Memorial Hospital

Granted by Chang Gung Memorial Hospital

CMRPG28028

21. September 01, 2010 ~ August 31, 2011 (2/2) (Co-PI)

The effect of *Astragalus*-based formula,清暑益氣湯on modulating immune alterations in advanced stage, non-small cell lung cancer patients receiving 1st line doublet chemotherapy of cisplatin plus docetaxel and 2nd line erlotinib target therapy: the effect on myeloid-derived suppressor cells, CD4 (Th1 and Th2) cells, CD8 Tc cells, Treg cells, NK cells and monocytes

PI: Dr. Tse-Hong Huang, Department of Chinese Medicine, Chang-Gung Memorial Hospital

Granted by Chang Gung Memorial Hospital

CMRPG28028

22. May 01, 2011 ~ April 30, 2012

Prognostic role of myeloid-derived suppressor cells, T-lymphocyte and monocyte subtypes in the disease outcome of stage I, II, III operable non-small cell lung cancer – A launch study.

Granted by Chang-Gung Memorial Hospital

CMRPG 3A0371

23. August 01, 2011 ~ July 30, 2012

Prognostic role of population alterations in myeloid-derived suppressor cells (MDSC), T-lymphocyte subpopulations and monocyte subtypes to the disease outcome of non-small cell lung cancer – Modulation of MDSC on T-lymphocytes and monocytes/macrophages (1st year)

Granted by Chang-Gung Memorial Hospital

NMRPG 3A0141 NSC100-2314-B-182A-052